Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115473.D
Acq On : 10 Jul 2019 23:28
Operator : HP/JU
Sample : K3726-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:25 PM

Quant Time: Jul 11 08:22:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	138169	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	543007	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	269140	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	535039	20.00	ng		0.00
76) Chrysene-d12	14.06	240	339820	20.00	ng		-0.01
87) Perylene-d12	15.53	264	375548	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1016429	113.66	ng		0.00
7) Phenol-d6	6.52	99	1346240	118.37	ng		0.00
23) Nitrobenzene-d5	7.46	82	834416	90.79	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	380011	127.70	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1368303	89.21	ng		0.00
79) Terphenyl-d14	13.00	244	1525020	91.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	130132	29.667	ng		99
3) Pyridine	3.47	79	340805	28.098	ng		100
4) n-Nitrosodimethylamine	3.40	42	144820	29.444	ng		99
6) Aniline	6.55	93	295112	18.387	ng		98
8) 2-Chlorophenol	6.68	128	359189	35.571	ng		97
9) Benzaldehyde	6.44	77	195752	27.893	ng		98
10) Phenol	6.53	94	478399	35.156	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	343313	34.008	ng		98
12) 1,3-Dichlorobenzene	6.84	146	378461	34.210	ng		97
13) 1,4-Dichlorobenzene	6.91	146	383949	34.648	ng		99
14) 1,2-Dichlorobenzene	7.07	146	364498	35.527	ng		96
15) Benzyl Alcohol	7.03	79	324964	35.606	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	448325	31.762	ng		99
17) 2-Methylphenol	7.14	107	306904	35.477	ng		99
18) Hexachloroethane	7.41	117	138955	33.661	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	249743	32.457	ng		96
20) 3+4-Methylphenols	7.29	107	377284	36.921	ng		97
22) Acetophenone	7.30	105	494849	38.032	ng	#	99
24) Nitrobenzene	7.47	77	389101	37.488	ng		99
25) Isophorone	7.71	82	705560	35.418	ng		98
26) 2-Nitrophenol	7.79	139	192833	45.190	ng		96
27) 2,4-Dimethylphenol	7.82	122	316618	38.912	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	432453	35.205	ng		98
29) 2,4-Dichlorophenol	8.03	162	312836	38.601	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	330610	36.644	ng		99
31) Naphthalene	8.20	128	1025604	38.026	ng		100
32) Benzoic acid	7.87	122	4676m	6.732	ng		
33) 4-Chloroaniline	8.24	127	140026	11.636	ng		99
34) Hexachlorobutadiene	8.32	225	182707	35.709	ng		98
35) Caprolactam	8.59	113	101123m	38.311	ng		
36) 4-Chloro-3-methylphenol	8.72	107	329979	38.493	ng		97
37) 2-Methylnaphthalene	8.89	142	678042	37.611	ng		99
38) 1-Methylnaphthalene	8.99	142	647717	37.656	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	304087	39.274	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	303263	67.577	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	220195	39.063	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	235495	40.289	ng		97
46) 1,1'-Biphenyl	9.36	154	840092	39.705	ng		97
47) 2-Chloronaphthalene	9.38	162	668873	38.250	ng		98
48) 2-Nitroaniline	9.47	65	208806	40.642	ng		98
49) Acenaphthylene	9.79	152	1021713	38.590	ng		99
50) Dimethylphthalate	9.65	163	1090768	53.996	ng		100
51) 2,6-Dinitrotoluene	9.71	165	181820	41.501	ng		99
52) Acenaphthene	9.97	154	628526	37.720	ng		99
53) 3-Nitroaniline	9.87	138	131834	25.908	ng		97
54) 2,4-Dinitrophenol	9.98	184	39176	27.887	ng	#	79
55) Dibenzofuran	10.14	168	924351	39.381	ng		99
56) 4-Nitrophenol	10.03	139	297845	75.656	ng		99
57) 2,4-Dinitrotoluene	10.11	165	243751	43.779	ng		98
58) Fluorene	10.48	166	679226	36.709	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	194394	38.499	ng		99
60) Diethylphthalate	10.35	149	742175	37.326	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	345908	38.302	ng		96
62) 4-Nitroaniline	10.49	138	196296	39.301	ng		98
63) Azobenzene	10.63	77	736950	35.955	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	79131	33.676	ng		89
66) n-Nitrosodiphenylamine	10.59	169	640773	38.010	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	220634	36.751	ng		98
68) Hexachlorobenzene	11.03	284	246361	36.570	ng		99
69) Atrazine	11.12	200	215826	41.368	ng		100
70) Pentachlorophenol	11.22	266	246235	59.976	ng		99
71) Phenanthrene	11.45	178	1066206	37.891	ng		99
72) Anthracene	11.49	178	1105287	39.171	ng		99
73) Carbazole	11.65	167	1009452	39.104	ng		100
74) Di-n-butylphthalate	11.98	149	1152190	36.932	ng		100
75) Fluoranthene	12.63	202	1130580	38.159	ng		96
77) Benzidine	12.74	184	449431	33.915	ng		98
78) Pyrene	12.86	202	1131794	42.829	ng		99
80) Butylbenzylphthalate	13.47	149	475103	41.148	ng		100
81) Benzo(a)anthracene	14.04	228	832177	38.220	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	169623	21.470	ng		97
83) Chrysene	14.08	228	860097	38.446	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	591316	41.354	ng		99
85) Di-n-octyl phthalate	14.65	149	953191	37.446	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1068624	60.329	ng		100
88) Benzo(b)fluoranthene	15.10	252	859098	35.135	ng		99
89) Benzo(k)fluoranthene	15.13	252	758734	34.891	ng		99
90) Benzo(a)pyrene	15.47	252	813381	38.568	ng		100
91) Dibenzo(a,h)anthracene	17.04	278	883934	49.048	ng		98
92) Benzo(g,h,i)perylene	17.47	276	911487	53.435	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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